

A CONSPECTUS OF THE LENNOACEAE

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The small parasitic angiosperm family Lennoaceae has received sporadic attention from taxonomists in the last 150 years. The first comprehensive treatment was that of Solms-Laubach (1870), and the only other attempt to treat all of the species was by Rydberg (1914) for North American Flora. Other workers have dealt with portions of the family, i.e. Suessenguth (1927) and Steyermark (1968) with Lennoa, and Templeton (1962) with Pholisma.

Nomenclatural changes published here have resulted from a recently completed study of the family, which served as a Master's thesis at the University of Arizona and is currently undergoing revision for future publication. Rationale for the new combinations will be discussed in detail in the forthcoming monograph. The following conspectus of the family is presented primarily to validate the new names.

LENNOACEAE Torrey ex Solms-Laubach, Abh. Naturf. Ges. Halle 11:174. 1870. nom. cons.

- I. LENNOA La Llave & Lexarza, Novorum Vegetabilium Descriptiones 1:7. 1824.
1. LENNOA MADREPOROIDES La Llave & Lexarza, Novorum Vegetabilium Descriptiones 1:7. 1824. Type: MEXICO: MICHOACAN: near Valladolid [Morelia], Lexarza in autumn. Lost and presumed destroyed. Neotype designated here: MEXICO: MICHOACAN: near Morelia, Cerro Punguato, in a maize field, elev. 2250 m, 26 Sep 1958, J.G.Hawkes, J.P.Hjerting, & R.N.Lester 1564 (K). Lennoa madreporoides Steudel, Nom. Bot., ed. 2, 2:22. 1841. Spalm.
- 1a. LENNOA MADREPOROIDES f. MADREPOROIDES
Lennoa madreporoides ssp. pringlei Suessenguth, Flora 122:296. 1927. Type: C.G.Pringle 9101.
Lennoa madreporoides ssp. schaffneri Suessenguth, Flora 122:296. 1927. Type: J.G.Schaffner 452.
- 1b. LENNOA MADREPOROIDES f. CAERULEA (H.B.K.)Yatskievych comb. nov.
Corallophyllum caeruleum H.B.K., Nova Gen. Species Plant. 7: 276. 1825. Type: Bonpland 4395.

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- Lennoa caerulea (H.B.K.)Fournier, Bull. Soc. Bot. France 16:11. 1869.
- Lennoa madreporoides ssp. reichei Suessenguth, Flora 122:296. 1927. Type: K.Reiche without date or number (M).
- Lennoa madreporoides var. caerulea (H.B.K.)Steyermark, Acta Bot. Venez. 3:228. 1968.
- Lennoa madreporoides ssp. australis Steyermark, Acta Bot. Venez. 3:230. 1968. Type: J.A.Steyermark & A.Braun 94518.
- II. PHOLISMA Nuttall ex Hooker, Icon Pl. 7: pl. 626. 1844.
1. PHOLISMA ARENARIUM Nuttall ex Hooker, Icon. Pl. 7: pl. 626. 1844. Type: T.Nuttall without date or number (K).
- Lennoa arenaria (Nuttall ex Hooker)Fournier, Bull. Soc. Bot. France 16:11. 1869.
- Pholisma depressum Greene, Bull. Calif. Acad. Sci. 1:198. 1885. Type: E.L.Greene on 10 May 1885.
- Pholisma paniculatum Templeton, Bull. S. Calif. Acad. Sci. 37:98. 1938. Type: B.C.Templeton, W.D.Pierce, & D.Pool 4588.
2. PHOLISMA CULIACANA (Dressler & Kuijt)Yatskievych comb. nov. Ammobroma culiacana Dressler & Kuijt, Madroño 19:180. 1968. Type: Dressler 2175.
3. PHOLISMA SONORÆ (Torrey ex Gray)Yatskievych comb. nov. Ammobroma sonorae Torrey ex Gray, Mem. Amer. Acad. Arts 5:327. 1854. Type: A.B.Gray on 17 - 19 May 1854.